

REMARKS

This preliminary amendment under 37 C.F.R. §1.115 includes amendments to the Sequence Listing of the Specification and to the Drawings. Accordingly, replacement sheets for the Sequence Listing and Drawings are being submitted herewith. The amendments to the Specification and the Drawings do not add new matter and are commensurate in scope with the subject matter of the application as originally filed. Applicants respectfully request entry of these amendments.

SPECIFICATION

Replacement Sheets of the Sequence Listing being submitted herewith reflect the same modifications made in response to an Invitation to Furnish Nucleotide and/or Amino Acid Sequence Listing Complying With WIPO Standard ST 25 (hereinafter "Invitation") in a related PCT application number PCT/US03/38935. The International Searching Authority (ISA) invited a corrected version of the Sequence Listing in compliance with WIPO Standard ST 25.

Pursuant to 37 C.F.R. §1.115 and 37 C.F.R. §1.825, enclosed herewith is a preliminary amendment of the Sequence Listing, both in written form and in electronic computer readable form (CRF). The amendments made to the sequence listing of the specification address mere informalities and do not add new matter as compared to the sequence listing as originally filed. As such, these amendments should not be construed to be related to the patentability of the claims, nor should they be construed as limiting to the scope of the claims as filed to which a full range of equivalents should be allowed.

In compliance with 37 C.F.R. §1.825(a), the amended Sequence Listing (replacement sheets 1 through 29 of the Sequence Listing and the CRF) has the following modifications, as compared to the Sequence Listing as originally filed:

1) For Sequence Listing Replacement Sheets pages 1 to 29, in each sequence from Seq. ID. Nos. 1 through 63: Numeric Identifier <213> has been changed from “Exemplary Protein Sequence” to “Unknown”.

2) For Sequence Listing Replacement Sheets pages 1 to 29, in each sequence corresponding to Seq. ID. Nos. 1 through 63: Numeric Identifiers <220> and <223> have been added to each Seq. ID. in the replacement sheets for the Sequence Listing. In each Seq. ID. Nos. 1 through 63, <220> is blank pursuant to 37 C.F.R. §1.823(b), and <223> has been filled in with other information, namely, “ Exemplary Protein Sequence” which was originally in numeric identifier <213>.

3) Also, on page 26, Seq. ID. No. 50, the Feature data marking amino acid (8)..(8) as “Unsure” indicated by numeric identifiers: <220> , <221>, and <222> was removed, because it is duplicative of the Sequence ID Feature information already provided in the Feature “misc_feature” identifying amino acid (8)..(8) as “Xaa to be any naturally occurring amino acid”.

Support for the above described modifications is found in the original Sequence Listing as filed at pages 1 through 26 and in the original application as filed at pages 7 through 12, as well as in originally filed Figures 14,20, and 49, for example.

Applicants respectfully request entry of the replacement Sequence Listing Sheets pages 1 – 29.

DRAWINGS

Applicants request entry of the replacement sheets for the drawings attached hereto. The drawings do not add new matter and are commensurate in scope of the disclosure of subject matter as originally filed in the application. Figures 14, 20, and 49 have been modified to include the appropriate sequence identification numbers (SEQ. ID. Nos.) for the respective sequences, corresponding to the sequence identification numbers in the originally filed Sequence Listing. Further, support for the amendments to Figure 14 is found in the specification, for example, at page 8 paragraph [0024], for Figure 20 at page 9 paragraph [0030], at page 12 paragraph [0059]. Figures 1-13, 15-19, and 21-48 have been modified to provide improved resolution of the images over those as originally filed. Accordingly, Applicants hereby request entry of the replacement sheets for the drawings.

CONCLUSION

In accordance with the remarks set forth above, Applicant requests entry of the present Preliminary Amendment. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

Dated: Aug 20, 2004

By: Greg Stobbs
Gregory A. Stobbs
Reg. No. 28,764

HARNESS, DICKEY & PIERCE, P.L.C.
P.O. Box 828
Bloomfield Hills, Michigan 48303
(248) 641-1600